

Buffalo Creek Vegetable Oil Spill
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Abstract:

The Chicago Central & Pacific Rail Road experienced a derailment in Southern Delaware County, Iowa, on April 2, 1998. Two tankers breached spilling approximately 8,800 gallons of crude soybean oil. The soybean oil discharged via drain tiles into Buffalo Creek. The response involved containment of oil along the rail road tracks, development of interception trenches, and stream clean-up.

The presentation will discuss vegetable oil production in Iowa, an overview of vegetable oil spills throughout the years, impacts of vegetable oil spills on the environment. There will also be a discussion on the pros and cons of vegetable oil spill clean-up and suggestions for how it might be improved.